

7.00 DEFINITIONS

Amend existing 310 CMR 7.00 Definition of Volatile Organic Compound to include the following five compounds in the list of exemptions and update nomenclature for two existing exempt compounds.

VOLATILE ORGANIC COMPOUND is any compound of carbon This definition includes all organic compounds except the following:

<u>CAS Number</u>	<u>Chemical Name</u>
.....
79209	methyl acetate
<u>540885</u>	<u>t-butyl acetate</u>
71556	methyl chloroform (1,1,1- T trichloroethane)
<u>107313</u>	<u>methyl formate</u>
.....
<u>375031</u>	<u>HFE-7000 or n-C3F7OCH3 (1,1,1,2,2,3,3-heptafluoro-3-methoxy-propane</u>
163702076	<u>HFE-7100 or</u> C4F9OCH3 (1,1,1,)
.....
163702054	<u>HFE-7200 or</u> C4F9OC2H5 (1-ethoxy-)
<u>297730939</u>	<u>HFE-7500 or HFE-s702 or T-7145 or L-15381 (3-ethoxy-1,1,1,2,3,4,4,5,5,6,6,6-dodecafluoro-2-(trifluoromethyl) hexane)</u>
.....
<u>431890</u>	<u>HFC-227ea (1,1,1,2,3,3,3-heptafluoropropane)</u>
.....

7.06: U Visible Emissions

Delete the existing 310 CMR 7.06(1)(c) and replace with the following.

(c) Exception.

1. Visible Emission Limits.

In lieu of the requirements of 310 CMR 7.06(1)(a) and 310 CMR 7.06(1)(b), a facility subject to 310 CMR 7.00, Appendix C - Operating Permits with boilers rated less than 500 million Btu per hour energy input capacity, may elect to comply with the following:

- Except as provided in 310 CMR 7.06(1)(c)1.b.; 310 CMR 7.06(1)(c)1.c. and 310 CMR 7.06(1)(c)1.f. below, visible emissions shall not exceed 15 percent opacity during any 6-minute block average.
- During periods of start-up, shutdown, soot blowing, and other specified operating conditions, visible emissions shall not exceed 27 percent

opacity during any 6-minute block average except that during one hour per calendar quarter, visible emissions may exceed 27 percent opacity for up to two 6-minute block averages during the hour.

- c. For a facility equipped with a visible emission monitor with a numeric data reduction system that can printout individual block averages, the Department may approve visible emissions during periods of startup, shutdown, soot blowing and other specified operating conditions to exceed 27 percent opacity for one-tenth of one percent (0.1%) of the total 6-minute block averages during any calendar quarter provided visible emissions do not exceed 60 percent opacity during any 6-minute block average. At no time can visible emissions exceed 27 percent opacity for more than two 6-minute block averages during a one-hour period and the one-hour average opacity shall not exceed 27 percent opacity during the one-hour period when a 6-minute block averages exceeds 27 percent opacity. The one-hour average shall be based on a 60-minute period beginning with the first 6-minute block average that exceeds 27 percent opacity.
- d. Compliance with visible emission limits shall be based upon a six-minute block average determined either by the procedures set forth in Method 9, (as described in 40 CFR Part 60, Appendix A-4), or by a visible emission monitor required under the Operating Permit;
- e. Before a facility may operate in accordance with 310 CMR 7.06(1)(c) the facility must notify the Department in writing of such intention, develop and submit to the Department a plan of good operating practices, and receive notification from the Department that the plan has been approved;
- f. Any facility operating pursuant to 310 CMR 7.06(1)(c) shall comply with a good operating practices plan as approved; and
- g. When notified in writing at least two business days prior to scheduled shakedown activities, testing, and calibrations for the purpose of improving boiler performance, the Department may allow exemptions to 310 CMR 7.06(1)(c)1.a., 310 CMR 7.06(1)(c)1.b. and 310 CMR 7.06(1)(c)1.c. Such notification shall include a brief description of the activity, and its start time and anticipated end time. The Department may allow a shorter notification period upon request. The Department may deny or limit the frequency of such activities.

2. Plan of Good Operating Practices.

The plan of good operating practices shall, at a minimum:

- a. Be developed with recommendations from third party combustion systems experts;
- b. Describe how the application of modern technology of control, and practices for operating and maintaining the equipment, will minimize visible emissions;
- c. Describe any operating conditions other than startup, shutdown and soot blowing during which the facility proposes to take advantage of the exception in 310 CMR 7.06(1)(c);
- d. Propose the duration and frequency of startup, shutdown, soot blowing and any other specified conditions;
- e. Document the need for visible emission limitations greater than 15 percent opacity during startup, shutdown, soot blowing and any other specified operating conditions;
- f. Propose visible emission limitations that the facility will comply with 310 CMR 7.06(1)(c)b. during startup, shutdown, soot blowing and other specified operating conditions;
- g. Describe all necessary corrective action procedures and include schedules for implementing such procedures; and
- h. Propose record keeping and monitoring procedures sufficient to enable the Department to determine that visible emissions comply with the plan.

3. Department Action.

- a. Upon completion of review, the Department shall either approve or disapprove the plan of good operating practices.
- b. The terms and conditions of an approved plan shall be incorporated into the facility's Operating Permit.
- c. A Department approval shall specify the visible emission limitations for each operating condition, (i.e. startup, shutdown, soot blowing and other specified operating conditions approved by the Department); and specify corresponding monitoring, record keeping and reporting requirements, and other conditions necessary to ensure compliance with the visible emission limitations contained in the approval.

- d. Modifications to those portions of an approved plan that are not incorporated into the facility's Operating Permit shall be maintained on-site and made available to Department representatives upon request. Modifications to an approved plan shall be submitted to the Department for review with the facility's Operating Permit renewal application. The Department may require modification of an approved plan.

4. Notice of Exceedances.

Any facility operating pursuant to a Department approval issued under this exception shall notify the Department of any exceedance of a visible emission limitation in the time and manner required by the relevant permit deviation provisions in the facility's Operating Permit.

7.24 U Organic Material Storage and Distribution

Amend 310 CMR 7.24(4)(4), 310 CMR 7.24(4)(a) and 310 CMR 7.24(4)(e) to read as follows:

(4) Motor Vehicle Fuel Tank Trucks.

(a) ~~On and after July 1, 1985, no~~ No person owning, leasing, operating or controlling a tank truck that carries motor vehicle fuel with a true vapor pressure equal to or greater than 1.5 psia under actual storage conditions and receives fuel from or delivers fuel to a facility subject to 310 CMR 7.24(2), or delivers fuel to a facility subject to the requirements of 310 CMR 7.24(2) or (3) shall cause, suffer, allow or permit the tank truck to be loaded or unloaded unless the tank truck:

1. ~~is tested annually during the months of January through June; and, was tested within the 12 preceding months, and~~

.....
(e) ~~The Department may, upon written notice modify the testing frequency of 310 CMR 7.24(4)(a). [Reserved]~~